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RESEARCH ARTICLE :

Development of leaf spot of safflower (*Alternaria carthami*) in relation to weather parameters

■ **S.S. WAGH, A.P. SURYAWANSHI AND V.M. GHOLVE**

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SUMMARY : A field experiment was conducted successively for 2 years (2013-14 and 2014-15) with an objective to study the effect of different weather parameters *viz*., rainfall, temperature and humidity on the development of *Alternaria* leaf spot of safflower caused by *Alternaria* carthami. Correlation-co-efficient studies revealed significantly and positively correlation between temperature (Max. and Min.), relative humidity (RH - I and RH - II) and rainfall with *Alternaria* blight disease intensity (during *Rabi*, 2013-14). Whereas, during *Rabi*, 2014-15, temperature (minimum), relative humidity (RH - I and RH - II) and wind velocity were positive and significantly correlated with the disease intensity.

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KEY WORDS :
Carthamus tinctorius L., *Alternaria carthami*, Correlation, Weather parameters

Author for correspondence :

S.S. WAGH
Department of Plant Pathology, College of Agriculture, Vasantrao Naik Marathwada Krishi Vidyapeeth, PARBHANI (M.S.) INDIA
Email : drwaghss@gmail.com

See end of the article for authors' affiliations